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FEBRUARY 17, 1999

PENNIE & EDMONDS LLP LAURA A. CORUZZI 1155 AVENUE OF THE AMERICAS NEW YORK, NY 10036

EP92070 *100865029A NIR 2 1999

UNITED STATES PATENT AND TRADEMARK-OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/22/1998

REEL/FRAME: 9537/0641 NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MOUNT SINAI MEDICAL CENTER, THE

DOC DATE: 10/21/1998

ASSIGNEE:

MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK, THE

ONE GUSTAVE LEVY PLACE NEW YORK, NEW YORK 10029-6574

SERIAL NUMBER: 08444994

PATENT NUMBER:

FILING DATE: 05/19/1995

ISSUE DATE:

ANTIONE ROYALL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS TO MIZIC · Lexur, i REFERRED TO hose Ame REC'D FEB 2 5 1999 Pennie & Edmonds O.K. for filing_

PATENT				
001 2 2 1998 33 THE HONORAI 10-3	0-1998 LADEMARKS			
Please rec 1008	865029 ***.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
THE MOUNT SINAI MEDICAL CENTER	Name: The Mount Sinai School Of Medicine Of The City University Of New York			
	Address: One Gustave Levy Place			
Additional name(s) of conveying party(ies) attached? Yes No	New York, New York 10029-6574			
3. Nature of conveyance:	Country (if other than USA):			
□Security Agreement □Change of Name				
□Other				
Execution Date: October 21, 1998				
4. Application number(s) or patent number(s):				
If this document is the confidence is filed together with a new application, the execution	ution date of the application is:			
A. Patent Application No.(s)08/444,994	B. Patent No.(s)			
Additional numbers atta	ached? 🗆 Yes 🖾 No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved: one (1)			
PENNIE & EDMONDS LLP 1155 Avenue of the Americas	7. Total fee (37 CFR 3.41):			
New York, NY 10036	8. Deposit account number: 16-1150			
DO NOT USE THIS SPACE				
O. Statement and signature				
 Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 				
Laura A. Coruzzi 30,742	a. Com - 37 October 22, 1998			
Name of Person Signing Reg. No. Signature	1 Pr. 1 No Date 9.201			
Total nun	nber of pages including cover sheet: 2			

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignment

Washington, D.C. 20231

10/29/1998 SBURNS 00000141 161150 08444994

01 FC:581 40.00 CH

ASSIGNMENT

WHEREAS, THE MOUNT SINAI MEDICAL CENTER, ASSIGNOR, an institution having an office for the transaction of business at One Gustave Levy Place, New York, New York 10029-6574, owner of the entire right, title and interest in, to and under the below-identified invention entitled "IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS THAT INHIBIT INTERACTION OF HOST CELL PROTEINS AND VIRAL PROTEINS REQUIRED FOR VIRAL REPLICATION" by Peter Palese and Robert O'Neill by virtue of an assignment recorded on August 18, 1995, at Reel 7626, Frame 0359, for the application for Patent of the United States

W which is identified by Pennie & Edmonds LLP docket no. 6923-054

Which was filed on May 19, 1995, Serial No. 08/444,994

and WHEREAS, THE MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK, ASSIGNEE, an institution organized and existing under the laws of the State of New York and having an office for the transaction of business at One Gustave Levy Place, New York, New York 10029-6574 is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said patent:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my	hand and seal this 21 day of October, 1998.
3	et esy L.S.
BY: TITLE	BETH ESSIG E: VICE PRESIDENT AND ASSOCIATE GENERAL
	COUNSEL
State of NewYork)) SS.:	
) SS.:	
County of New York)	·
On this 21 day of October	, 1998, before me, a Notary Public in and for the State and
County aforesaid, personally appeared	h Essig
to me known and known to me to be the person of that no	ame, who signed and sealed the foregoing instrument, and the
acknowledged the same to be his free act and deed.	
NANCY A. HWIK Hetary Public, State of New York No. 03 Huber 1877	Wancych Hag: K. Notary Public.

ission Expires Sept. 20, 2000



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

JANUARY 26, 1996

LAURA A. CORUZZI PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, NY 10036

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FEB - 5 1996

Pennie & Edmonds

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THE INFORMATION PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE IF YOU SHOULD FIND ANY ERRORS OR PATENT AND TRADEMARK ASSIGNMENT SYSTEM. HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/18/1995

REEL/FRAME: 7626/0359

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PALESE, PETER

DOC DATE: 07/17/1995

ASSIGNOR:

O'NEILL, ROBERT

DOC DATE: 07/17/1995

ASSIGNEE:

MOUNT SINAI MEDICAL CENTER, THE ONE GUSTAVE LEVY PLACE NEW YORK, NEW YORK 10029

SERIAL NUMBER: 08444994

PATENT NUMBER:

FILING DATE: 05/19/1995

ISSUE DATE:

PEARLENE FOSTER, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



8-18-95

09-27-1995

Attorney Docket Number

6923-054

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS Box Assignments Washington, DC 20231

Please record the attached original documents or copy thereof.				
Please record the attached original name of conveying party(ies): Peter Palese and Robert O'Neill Additional name(s) of conveying party(ies) attached? Tes No Nature of conveyance: Massignment Therefore The Change of Name Other Other	2. Name and address of receiving party(ies): Name: The Mount Sinai Medical Center Address: One Gustave Levy Place New York, NY 10029 Country (if other than USA):			
Execution Date: July 17, 1995				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the execu	tion date of the application is:			
A. Patent Application No.(s) 08/444,994	B. Patent No.(s)			
Additional numbers atta	nched? 🗆 Yes 🖾 No			
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Number of applications and patents involved: one (1)			
PENNIE & EDMONDS 1155 Avenue of the Americas New York, NY 10036	7. Total fee (37 CFR 3.41):\$ 40.00 Please charge to the deposit account listed in Section 8. 8. Deposit account number: 16-1150 (A copy of this page is attached)			
DO NOT USE THIS SPACE				
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Laura A. Coruzzi 30,742 Name of Person Signing Reg. No. Signature Total number of pages including cover sheet: 2				

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Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

16-1150 120 581

40.00CH

ASSIGNMENT

NHIBIT INTERACTION OF HOST CELL PROT REPLICATION for which we have executed an application	ation for a Pa	tent of the United States
☐ which is executed on ☐ even date herewith or	O	(date)
which is identified by Pennie & Edmonds docket r which was filed on May 19, 1995, Serial No. 08/4	111,221	
and WHEREAS, THE MOUNT SINAI MEDICAL CE	ENTER, ASSI e said applica	
NOW, THEREFORE, in consideration of the valuable consideration, the receipt of which is hereby transferred and set over, and by these presents do here its successors, legal representatives and assigns, the end the said United States application and all divisions, renewhich may be granted thereon and all reissues and protection, including, without limitation, all application filed for said invention in any country or countries applications and the right to claim for the same the property applicational agreement or the domestic laws of the countries of industrial property protection, including and designs which may be granted for said inventional extensions, renewals and reissues thereof;	sum of One In acknowledge eby sell, assigning tire right, title ewals and contextensions the context of the context of the context of the convention for the convention of the convention o	pollar (\$1.00) to us in hand paid, and other good and d, we, the said ASSIGNORS, have sold, assigned, and transfer and set over, unto the said ASSIGNEE, and interest in, to and under the said invention, and inuations thereof, and all Patents of the United States nereof; and all applications for industrial property, utility models, and designs which may hereafter be United States, together with the right to file such erived from said United States application under the the Protection of Industrial Property, or any other any such application is filed, as may be applicable; intation, patents, utility models, inventors' certificates try or countries foreign to the United States and all
and any Official of any country or countries foreign to or forms of industrial property protection on applica successors, legal representatives and assigns, in according to the countries foreign to or forms of industrial property protection on applications.	ations as aford dance with the	e terms of this instrument.
AND WE HEREBY covenant and agree that that we have not executed, and will not execute, any	we have full agreement in	ight to convey the entire interest herein assigned, and conflict herewith.
AND WE HEREBY further covenant and agr legal representatives and assigns, any facts known to u all lawful papers, execute all divisional, continuing, re do everything possible to aid the said ASSIGNEE, its proper protection for said invention in all countries.	ree that we wi as respecting s cissue and fore s successors, le	l communicate to the said ASSIGNEE, its successors, aid invention, and testify in any legal proceeding, sign ign applications, make all rightful oaths, and generally egal representatives and assigns, to obtain and enforce
IN TESTIMONY WHEREOF, We hereunto signatures. Date	set our hands	and seals the day and year set opposite our respective L.S. L.S.
State of Here Jork SS.:		
On this day of County aforesaid, personally appeared Peter Palese to me known and known to me to be the person of acknowledged the same to be his free act and deed.		no signed and sealed the foregoing instrument, and he
State of / (Ch.) SS.: Country of / Country		Notary Public.
On this day of County aforesaid, personally appeared Robert O'N to me known and known to me to be the person of	eill that name, w	ho signed and sealed the foregoing instrument, and he
acknowledged the same to be his free act and deed.		light 11

Notice Production of A. C. 21 100 C

Notary Public.

PEDC-45441.1

SUPPLEMENTAL DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

08/246,583

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

"IDENTIFICATION AND USE OF ANTIVIRAL COMPOUNDS THAT INHIBIT INTERACTION OF HOST CELL PROTEINS AND VIRAL PROTEINS REQUIRED FOR VIRAL REPLICATION"

the specification of which is attached hereto and includes amendments filed of even date herewith unless one of the following boxes is checked:

**\bigsup \text{the specification was filed in the United States on May 19, 1995} as Application Serial No. \(\frac{08/444,994}{000} \) (for declaration not accompanying application)

with amendment(s) filed on	(if applicable)						
☐ the specification was filed as PCT international application Serial No. PCT Article 19 on				on	a	ınd was a	mended under
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.							
I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.							
I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:							at or inventor's date before that
EARLIEST FOREIGN AP	PLICATION(S), IF ANY, FILE	D PRIOR TO	THE FIL	ING DATE C	F THE A	PPLICA	TION
APPLICATION NUMBER	COUNTRY		DATE OF FILING (day, month, year)			PRIORITY CLAIMED	
					YES		NO 🗆
					YES		NO 🗆
I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.							
APPLICATION NUMBER			FILING DATE				
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:							
STATUS							
APPLICATION SERIAL NO.	FILING DATE	PATEN	ITED	PENDI	٧G	ABA	NDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Isaac Jarkovsky (Reg. No. 22713), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Albert P. Halluin (Reg. No. 25227), and Marcia H. Sundeen (Reg. No. 30893), whose address is Pennie & Edmonds, 1155 Avenue of the Americas, New York, New York 10036, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

PEDC-45438.1

EN	D CORRESPONDEN	CE TO: PENNIE & EDMOND 1155 AVENUE OF TI NEW YORK, N.Y. 10	HE AMERICAS PENN	CT TELEPHONE CAL NIE & EDMONDS DOC 790-2803	LS TO: KETING 	
	FULL NAME OF INVENTOR	PALESE	FIRST NAME PETER	MIDDLE NAME		
2 0 1	RESIDENCE & CITIZENSHIP	city Leonia	STATE OR FOREIGN COUNTRY New Jersey	COUNTRY OF CITIZENSHIP U.S.A.		
	POST OFFICE ADDRESS	STREET 414 Highwood Avenue	CITY Leonia	New Jersey	21P CODE 07605	
2 0 2	FULL NAME OF INVENTOR	LAST NAME O'NEILL	FIRST NAME ROBERT	MIDDLE NAME		
	RESIDENCE & CITIZENSHIP	New York	STATE OR FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.		
_	POST OFFICE ADDRESS	STREET 621 West 169th Street, #2E	CITY New York	STATE OR COUNTRY New York	21P CODE 10032	
2 0 3	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME		
	RESIDENCE & CITIZENSHIP	СІТУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSI		
	POST OFFICE ADDRESS	STREET	СІТУ	STATE OR COUNTRY	ZIP CODE	
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME		
2 0 4	RESIDENCE & CITIZENSHIP	СІТҮ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
4	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE	
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME		
2 0 5	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
J	POST OFFICE ADDRESS	STREET	СПҮ	STATE OR COUNTRY	ZIP CODE	
2 0 6	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME .		
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP		
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

may jeopardize the variety of the approacher.	o. 213 F	
SIGNATURE OF NVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
The alle	Robert O'Neill	
Peter Palese	DATE	DATE
7/26 ,1995	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE